EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	318162	led or (light adj2 diode)	US-PGPUB; USPAT	OR	ON	2005/06/22 10:41
S2	5501	S1 and ((gallium adj nitride) or gan)	US-PGPUB; USPAT	OR	ON	2005/06/22 08:24
S3	0	S2 and (spphire with substrate)	US-PGPUB; USPAT	OR	ON	2005/06/22 08:24
S4	2786	S2 and (sapphire with substrate)	US-PGPUB; USPAT	OR	ON	2005/06/22 08:24
S5	1331	S4 and ((mg or magnesium) with (dop$3))	US-PGPUB; USPAT	OR	ON	2005/06/22 09:18
S6	69	S5 and (oxygen with plasma)	US-PGPUB; USPAT	OR	ON	2005/06/22 08:41
S7	603	S4 and transparent with electrode	US-PGPUB; USPAT	OR	ON	2005/06/22 08:41
S8	4	S4 and etching with electrode with oxygen with plasma	US-PGPUB; USPAT	OR	ON	2005/06/22 08:45
S9	26	S7 and etch$4 with oxygen with plasma	US-PGPUB; USPAT	OR	ON	2005/06/22 08:46
S10	22	S9 and etch$4 with electrode	US-PGPUB; USPAT	OR	ON	2005/06/22 08:59
S11	0	S7 and (pattern$3 with electrode with "photoresist" with ashing)	US-PGPUB; USPAT	OR	ON	2005/06/22 08:59
S12	26	S7 and (pattern$3 with electrode with "photoresist")	US-PGPUB; USPAT	OR	ON	2005/06/22 09:00
S13	0	S12 and (ash$4 with "photoresist")	US-PGPUB; USPAT	OR	ON	2005/06/22 09:00
S14	0	S12 and ("photoresist" with oxygen with plasma)	US-PGPUB; USPAT	OR	ON	2005/06/22 09:00
S15	1331	S5 and (activat$3 wtih dop$3 wtih oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/22 09:19
S16	6	S5 and (activat$3 with dop$3 with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/22 09:19
S17	1084	((438/47) or (438/39) or (438/94)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/22 10:36
S18	23	S17 and activat$3 with ((gallium with nitride) or gan)	US-PGPUB; USPAT	OR	ON	2005/06/22 10:37
S19	0	S17 and activat$3 with ((gallium with nitride) or gan) with oxygen with plasma	US-PGPUB; USPAT	OR	ON	2005/06/22 10:37
S20	1	S17 and activat$3 with ((gallium with nitride) or gan) with oxygen	US-PGPUB; USPAT	OR	ON	2005/06/22 10:37

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S21	1	("6248607").URPN.	USPAT	OR	ON	2005/06/22 10:37
S22	5	("4391854" | "5771110" | "5821158" | "5851842" | "5963787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:38
S23	189410	led or (light adj2 diode)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:41
S24	0	S22 and gallium with nitride with activation with oxygen	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:42
S25	0	S22 and gallium with nitride with activat$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:42
S26	24	S23 and gallium with nitride with activat$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:42
S27	1	S23 and gallium with nitride with activat$3 with oxygen	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:42
S28	43	((257/e33.017) or (257/e33.064)). CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/22 12:42
S29	1	("6960482").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 11:07
S30	10	("20020004254" | "20020055274" | "20020072204" | "20020185732" | "20030042496" | "5902130" | "6057564" | "6093952" | "6248607" | "6586328").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/18 11:16
S31	1	("6573117").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 11:16
S32	1	("6573117").URPN.	USPAT	OR	ON	2006/03/18 11:16
S33	13	("4701035" | "5563422" | "5656832" | "5701035" | "5740192" | "5764842" | "5793057" | "6008539" | "6117700" | "6121127" | "6204512" | "6239490" | "6268618").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/18 11:17
S34	4	("5701035" | "5776623" | "5834326" | "5923690").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/18 11:20
S35	8	("6239490").URPN.	USPAT	OR	ON	2006/03/18 11:33
S36	32602	(transparent or (light with transmit$4)) with electrode	USPAT	OR	ON	2006/03/18 11:33
S37	1251	S36 and plasma with oxygen	USPAT	OR	ON	2006/03/18 11:34

| S38 | 163 | S36 and (electrode with plasma with oxygen) | USPAT | OR | ON | 2006/03/18 11:34 |
| S39 | 40 | S36 and (electrode with plasma with oxygen with (activat$4 or treat$4)) | USPAT | OR | ON | 2006/03/18 11:34 |

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1578	((257/189) or (257/200) or (257/201)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 10:43
S2	374	S1 and (light adj emitt$4)	US-PGPUB; USPAT	OR	ON	2006/03/17 15:10
S3	0	S2 and (electrode with plasma with activat$4)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:21
S4	0	S2 and (oxygen with plasma with activat$4)	US-PGPUB; USPAT	OR	ON	2006/03/17 15:10
S5	251	S2 and electrode	US-PGPUB; USPAT	OR	ON	2006/03/17 15:10
S6	32	S5 and pad	US-PGPUB; USPAT	OR	ON	2006/03/17 15:11
S7	9	S6 and ito	US-PGPUB; USPAT	OR	ON	2006/03/17 15:11
S8	3	S7 and sapphire	US-PGPUB; USPAT	OR	ON	2006/03/17 15:11
S9	1578	((257/189) or (257/200) or (257/201)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 10:20
S10	1578	((257/189) or (257/200) or (257/201)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 10:21
S11	374	S10 and (light adj emitt$4)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:21
S12	0	S11 and ((electrode with oxygen with plasma) or (transparent with electrode with plasma))	US-PGPUB; USPAT	OR	ON	2006/03/18 10:21
S13	3	S9 and ((electrode with oxygen with plasma) or (transparent with electrode with plasma))	US-PGPUB; USPAT	OR	ON	2006/03/18 10:22
S14	500061	(light with emit$5) or led	US-PGPUB; USPAT	OR	ON	2006/03/18 10:22
S15	2	S14 and (transparent with electrode with ((plasma with oxygen) or ashing or ozone or ozonification) with activat$4)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:35
S16	298	S14 and (oxygen with plasma with (anneal$4 heat$4))	US-PGPUB; USPAT	OR	ON	2006/03/18 10:26
S17	3	S16 and electrode with oxygen with density	US-PGPUB; USPAT	OR	ON	2006/03/18 10:26
S18	291	S14 and (transparent with electrode with activat$4)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:35

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S19	19	S18 and ((plasma with oxygen) or ashing or ozone or ozonification)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:36
S20	77	transparent with electrode with oxygen with plasma	US-PGPUB; USPAT	OR	ON	2006/03/18 10:43
S21	29	S20 and "257".clas.	US-PGPUB; USPAT	OR	ON	2006/03/18 10:43
S22	50782	(transparent or (light adj transmit$4)) with electrode	US-PGPUB; USPAT	OR	ON	2006/03/19 11:13
S23	49522	(transparent) with electrode	US-PGPUB; USPAT	OR	ON	2006/03/19 11:13
S24	423	S23 and (electrode with plasma with oxygen)	US-PGPUB; USPAT	OR	ON	2006/03/19 11:16
S25	3	S24 and heterojunction	US-PGPUB; USPAT	OR	ON	2006/03/19 11:14
S26	198	S24 and (electrode with plasma with treat$5)	US-PGPUB; USPAT	OR	ON	2006/03/19 11:16
S27	500061	(light with emit$5) or led	US-PGPUB; USPAT	OR	ON	2006/03/19 11:32
S28	32010	S27 and (ito or (indium adj tin adj oxide))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:32
S29	576	S28 and mesa	US-PGPUB; USPAT	OR	ON	2006/03/19 11:32
S30	204	S29 and sapphire	US-PGPUB; USPAT	OR	ON	2006/03/19 11:33
S31	102	S30 and ((III or IV or V) with semiconductor)	US-PGPUB; USPAT	OR	ON	2006/03/19 13:15
S32	0	S31 and ito with (oxygen with (((plasma radical) with treatment) or implant$4))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:34
S33	0	S31 and (ito with (oxygen with (((plasma radical) with treatment) or implant$4)))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:34
S34	0	S31 and (electrode with (oxygen with (((plasma radical) with treatment) or implant$4)))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:35
S35	0	S31 and (electrode with (oxygen with (((plasma radical) with (etch$4 or treatment)) or implant$4)))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:35
S36	0	S31 and (oxygen with (treat$4 or activat$4))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:37
S37	10	S31 and ((plasma or radical) with (treat$4 or activat$4))	US-PGPUB; USPAT	OR	ON	2006/03/19 11:55
S38	453	transparent with cobalt	US-PGPUB; USPAT	OR	ON	2006/03/19 11:59

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S39	33	ito with ashing	US-PGPUB; USPAT	OR	ON	2006/03/19 11:59
S40	23	S31 and pad with electrode	US-PGPUB; USPAT	OR	ON	2006/03/19 12:19
S41	8	S31 and pattern$ with ito	US-PGPUB; USPAT	OR	ON	2006/03/19 12:20
S42	11	ito with pattern$4 with ashing	US-PGPUB; USPAT	OR	ON	2006/03/19 12:20
S43	960440	S31 and plasma activat$4	US-PGPUB; USPAT	OR	ON	2006/03/19 13:15
S44	2	S31 and (plasma with activat$4)	US-PGPUB; USPAT	OR	ON	2006/03/19 13:15